

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claims 1-28 (canceled)

Claim 29 (new): A radio communication device, comprising:

a circuit board;
a flat antenna;

a housing in which the circuit board and flat antenna are positioned, wherein the circuit board and the flat antenna are arranged at a distance from each other so as to form a coupling structure, with a coupling area being enclosed in the coupling structure between the flat antenna and the circuit board which has a specifiable antenna volume; and

a camera arranged in the coupling area of the coupling structure so that the camera simultaneously forms a component of the antenna volume of the coupling structure.

Claim 30 (new): A radio communication device as claimed in Claim 29, wherein the camera features an electromagnetically-sensitive camera component and an electromagnetically-insensitive camera component.

Claim 31 (new): A radio communication device as claimed in Claim 30, wherein the electromagnetically-insensitive camera component is substantially formed by optics of the camera and by its optics mounting.

Claim 32 (new): A radio communication device as claimed in Claim 30, wherein only the electromagnetically-insensitive camera component is accommodated in the coupling area of the coupling structure.

Claim 33 (new): A radio communication device as claimed in Claim 30, wherein the electromagnetically-sensitive camera component is additionally surrounded by an electromagnetic screening.

Claim 34 (new): A radio communication device as claimed in Claim 30, wherein the electromagnetically-sensitive camera component is sunk into the circuit board.

Claim 35 (new): A radio communication device as claimed in Claim 30, wherein the electromagnetically-sensitive camera component is arranged on a side of the circuit board opposite the flat antenna outside the coupling area of the coupling structure.

Claim 36 (new): A radio communication device as claimed in Claim 29, wherein the camera is arranged with regard to its lengthwise extent substantially at right angles to a position of the circuit board and the flat antenna.

Claim 37 (new): A radio communication device as claimed in Claim 29, wherein the camera, viewed from a level of the flat antenna, is positioned in a hole-type cutout of the flat antenna and is surrounded by an antenna surface of the flat antenna.

Claim 38 (new): A radio communication device as claimed in Claim 29, wherein the camera is substantially arranged in a middle area in relation to a transverse extent of the housing.

Claim 39 (new): A radio communication device as claimed in Claim 29, wherein the flat antenna is a PIFA, of which an inner part of the PIFA is at least partly separated from an outer part of the PIFA by a slot.

Claim 40 (new): A radio communication device as claimed in Claim 39, wherein the camera, viewed from a level of the PIFA, is positioned within an area which is delimited by an outside contour of the outer part of the PIFA.

Claim 41 (new): A radio communication device as claimed in Claim 39, wherein the camera is positioned substantially in a center area of the inner part of the PIFA.

Claim 42 (new): A radio communication device as claimed in Claim 39, wherein the camera, viewed from a level of the PIFA, is arranged in the slot between the outer part and the inner part of the PIFA.

Claim 43 (new): A radio communication device as claimed in Claim 39, wherein the outer part includes a cutout in an area of a corner of the PIFA in which the camera is arranged.

Claim 44 (new): A radio communication device as claimed in Claim 29, wherein the circuit board is substantially rectangular in shape.

Claim 45 (new): A radio communication device as claimed in Claim 29, wherein the flat antenna is arranged in an area of an upper side of the circuit board.

Claim 46 (new): A radio communication device as claimed in Claim 29, wherein the flat antenna is arranged at a specifiable distance from a component mounting surface of the circuit board in at least one further layer such that its imaginary orthogonal projection in relation to the component mounting surface of the circuit board substantially lies within a restricted surface spanned by its edges.

Claim 47 (new): A radio communication device as claimed in Claim 46, wherein the flat antenna runs substantially in parallel to the component mounting

surface of the circuit board so as to form a cover over an area of the component mounting surface of the circuit board.

Claim 48 (new): A radio communication device as claimed in Claim 29, wherein the flat antenna includes a slot which begins on an inside flat antenna surface and runs to an end on an outside edge of the flat antenna opening outwards.

Claim 49 (new): A radio communication device as claimed in Claim 29, wherein the coupling structure formed of the circuit board and the coupled flat antenna includes a cutout running therethrough from a front to a rear into which the camera is integrated.

Claim 50 (new): A radio communication device as claimed in Claim 49, wherein the cutout running from the front to the rear in the coupling structure is provided in a corner area between a long side and a wide side of the circuit board and features two open sides.

Claim 51 (new): A radio communication device as claimed in Claim 50, wherein the flat antenna partly surrounds the cutout of the circuit board in an L-profile form.

Claim 52 (new): A radio communication device as claimed in Claim 49, wherein the cutout running from the front to the rear in the coupling structure is provided in an enter area of an upper side of the circuit board with an open side of the cutout being at the upper side of the circuit board, and the cutout is at least partly surrounded by a flat antenna in a U-form.

Claim 53 (new): A radio communication device as claimed in Claim 49, wherein the coupling structure includes in an inner zone a circular cutout running therethrough from the front to the rear of the coupling structure to accept the camera, with the circular cutout being encircled by the flat antenna.

Claim 54 (new): A radio communication device as claimed in Claim 49, wherein the cutout is substantially rectangular in shape.

Claim 55 (new): A radio communication device as claimed in Claim 29, wherein the camera is embodied so as to be rotated such that its taking optics may be moved to and fro between the front and the rear of the coupling structure.

Claim 56 (new): A coupling structure for a radio communication device, comprising:

a circuit board; and

a flat antenna coupled to the circuit board at a distance, with a coupling area having a specifiable antenna volume being enclosed between the flat antenna and the circuit board;

wherein a camera component of a camera is arranged in the coupling area of the coupling structure so that the camera component simultaneously forms a component of the antenna volume.